 Eskom	Strategy	Engineering
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Title **Tender technical evaluation for  
Matla Slurry plant Lighting and  
Small power Provision**

Unique Identifier

Alternative Reference Number. **N/A**

Area of Applicability **Engineering**

Documentation Type. **Strategy**

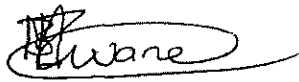
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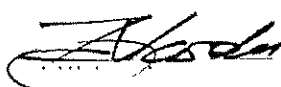


Lindani Zwane

System Engineer

Date **26/04/2022**

Functional Responsibility



Nkosinathi Maseko

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Date **26/04/2022**

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## CONTROLLED DISCLOSURE

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## 1. INTRODUCTION

Matla Power Station is intending to request *Contractors* to tender for Sizing, Selection, supply, install, commissioning of various lighting and small power distribution panels and equipment, including de-commissioning and removal and scrapping of old lighting distribution panels at various areas of the Slurry plant

## 2. SUPPORTING CLAUSES

### 2.1 SCOPE

Sizing, Selection, supply, install, commissioning of various lighting and small power distribution panels and equipment, including de-commissioning and removal and scrapping of old lighting distribution panels at various areas of the Slurry plant

#### 2.1.1 Purpose

The purpose of this tender technical evaluation strategy is to define the Mandatory Evaluation Criteria, Qualitative Evaluation Criteria and TET member responsibilities for tender technical evaluation. The technical evaluation strategy serves as basis for the tender technical evaluation process.

#### 2.1.2 Applicability

Applicable to Matla Power station

### 2.2 NORMATIVE/INFORMATIVE REFERENCES

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs

#### 2.2.1 Normative

[1] 240-48929482 Tender Technical Evaluation Procedure

### 2.3 DEFINITIONS

None

#### 2.3.1 Classification

**Controlled Disclosure:** Controlled Disclosure to external parties (either enforced by law, or discretionary).

### 2.4 ABBREVIATIONS

Abbreviation	Description
QC	Quality Control
QCP	Quality Control Plan
QAL2	Quality Assurance level 2
SA	South Africa

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## 2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482 Tender Technical Evaluation Procedure

## 2.6 PROCESS FOR MONITORING

N/A

## 2.7 RELATED/SUPPORTING DOCUMENTS

Tender Technical Evaluation Scoring Form

## 3. TENDER TECHNICAL EVALUATION STRATEGY

### 3.1 TECHNICAL EVALUATION THRESHOLD

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 70%

### 3.2 TET MEMBERS

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Londani Masutha	System Engineer
TET 2	Johan Veldman	Senior Electrical Engineer

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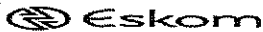
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**3.3 MANADATORY TECHNICAL EVALUATION CRITERIA****Table 2: Mandatory Technical Evaluation Criteria**

Mandatory Technical Evaluation Criteria		Reference to Technical Specification / Tender Returnable	Motivation & Comments
1	Submit evidence of registered MIE (a copy of the MIE registration certificate)	Y/N	
2.			
3.			

## 3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 3: Qualitative Technical Evaluation Criteria



EVALUATION CRITERIA- Sizing, selection, supply, install, commissioning of various lighting and small power distribution panels, including de-commissioning and removal and scrapping of old lighting distribution panels at various areas of the slurry plant (06-02BLA 01GP001 and 06-03BLA01GF001 ) – External Contractor

(PART A) TECHNICAL CRITERIA - TECHNICAL SELECTION CRITERIA											
KPA - Area of Evaluation	Weight (%)	KPI - Criteria Evaluation Indicator	Minimum Criteria Evaluation Requirements	Source	Unit	Scale				Score	Weighted score
Company	15%	Projects	Company's background on construction of panels, installation of cables and lighting	Reference number of projects that the company has done work related to construction of panels, installation of cables and lighting	10	No projects completed = 0%	1-3 projects completed =40%	4-5 projects completed = 80%	More than 6+ projects completed = 100%		0
Qualifications and Experience of personnel to work on the project	45%	Experience	Qualifications and Experience of individuals working on the project	1 x Supervisor - Experience as a supervisor on projects listed on CV which are related to construction of panels, installation of cables and lightings & formal qualification	10	No experience = 0%	Less than 3 years as supervisor experience and N3 technical qualification (Electrical) = 40%	Experience 4-5years as supervisor experience and N3 technical qualification (Electrical) = 80%	5 and more years as supervisor experience and N3 technical qualification (Electrical) = 100%		0
				1 x Artisan - Experience and projects listed on CV which are related to construction of panels, installation of cables and lighting & formal qualification	10	No experience = 0%	Less than 3 years' experience and N3 technical qualification (Electrical) and trade test = 40%	4-5yrs Experience and N3 technical qualification (Electrical) and trade test = 80%	5 and more years' experience and N3 technical qualification (Electrical) and trade test = 100%		0

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				1 x Electrical engineer or specialist and projects listed on CV, which are related to construction of panels, installation of cables and lighting & formal qualification	20	No experience = 0%	1-2 years' experience and NQF level 6 or higher technical qualification (Electrical Engineer) = 40% OR 10-12 years' experience and N3 technical qualification (Specialist Electrical) = 40%	3-5yrs and NQF level 6 or higher technical qualification (Electrical Engineer) = 80% OR 15-18 years' experience and N3 technical qualification (Specialist Electrical) = 80%	More than 5 years and NQF level 6 or higher technical qualification (Electrical Engineer) = 100% OR 20 and more years' experience and N3 technical qualification (Specialist Electrical) = 100%		0
				Semi-skilled workers with 3 years' experience and projects listed on CV, which are related to construction of panels, installation of cables and lighting	10	No experience = 0%	5-7 semi-skilled workers 40%	8-9 semi-skilled workers 80%	10 semi-skilled workers 100%		0
Experience in performing work of a similar nature and competence of staff	30%	Engineering ability	Method statement for the work to be executed as per the scope of work	A written method statement for the work to be executed covering all areas of work as per the scope of work and including the below items as a minimum 1 Sizing, Selection, construction and supply of various sizes of distribution panels, 2 Installation and commissioning of distribution panels 3 Issuing of CoC for distribution panels, lighting and small power industrial installation, 4 Process for identification of defects on commissioned lighting and small power industrial installation 5 Installation of plant labels on various equipment and components 6 Final issuing of project data packs with all required information and project hand over certificate to confirm completion of all work activities	20	No method statement submitted = 0%	Method statement submitted covers all areas as per the scope of work however less than 5 of the listed minimum items are covered in the method statement items listed in source column of this sheet  40%	Method statement submitted covers all areas as per the scope of work however only 5 of 6 listed minimum items are covered in the method statement items listed in source column of this sheet  80%	Method statement submitted covers all areas as per the scope of work and all 6 of 6 listed minimum items are covered in the method statement items listed in source column of this sheet  100%		0

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			Contractor commits to provide proof of calibration for all equipment used for inspection, testing and working, these must be valid for the duration of work period	Submit calibration certificates of various electronic equipment and applicable tools used (e.g. ductor meter resistance measurement, digital multi-meter, insulation resistance measurement, torque wrenches for busbar toquing)	10	No tool list submitted = 0%	Tool list is submitted without calibration certificates 40%	Tool list is submitted and certificates have expired before the closing submission date of the tender 80%	Tool list is submitted and certificates are still valid before the closing submission date of the tender 100%	0
Quality Control	10%	Quality control	A Quality control plan (QCP) covering all of the work to be completed by the contractor	QCP document which covers the work to be executed in all areas as per the scope of work and includes the following items as a minimum 1 Design, construction and supply of various sizes of distribution panels, 2 Installation and commissioning of distribution panels 3 Issuing of CoC for distribution panels, lighting and small power industrial installation, 4 Process for identification of defects on commissioned lighting and small power industrial installation 5 Installation of plant labels on various equipment and components 6 Final issuing of project data packs with all required information and project hand over certificate to confirm completion of all work activities	10	No QCP submitted for the work areas 0%	QCPs have been submitted but does not cover all of the areas as per the scope of work or the QCPs and includes less than 3 minimum items listed in source column of this sheet 40%	QCPs have been submitted covers all of the areas as per the scope of work however only 5 of 6 listed minimum items are covered in the QCP items listed in source column of this sheet 80%	QCPs have been submitted covers all of the areas as per the scope of work and all 6 of 6 listed minimum items are covered in the QCP items listed in source column of this sheet 100%	0
TOTAL SCORE										0
<p><b>TAKE NOTE: ONLY TECHNICAL SUITABLE IF TOTAL SCORE IS EQUAL TO OR GREATER THAN 70%</b></p>										



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**3.5 TET MEMBER RESPONSIBILITIES****Table 4: TET Member Responsibilities**

<b>Mandatory Criteria Number</b>	<b>TET 1</b>	<b>TET 2</b>
1	X	X
2	X	X
<b>Qualitative Criteria Number</b>	<b>TET 1</b>	<b>TET 2</b>
1	X	X
2	X	X
3	X	X
4	X	X

---

**3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS****3.6.1 Risks****Table 5: Acceptable Technical Risks**

<b>Risk</b>	<b>Description</b>
1.	
2	
3	
4.	
5.	
6	
7.	

**Table 6: Unacceptable Technical Risks**

<b>Risk</b>	<b>Description</b>
1.	
2.	
3	
4	
5	
6	
7	

**3.6.2 Exceptions / Conditions****Table 7: Acceptable Technical Exceptions / Conditions**

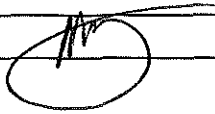
<b>Risk</b>	<b>Description</b>
1.	
1	
2.	
3	
4	
5	
6	

**Table 8: Unacceptable Technical Exceptions / Conditions**

<b>Risk</b>	<b>Description</b>
1	
2.	
3	
4	
5.	
6	
7	

#### 4. AUTHORISATION

This document has been seen and accepted by.

Name	Designation	Signature
Lindokuhle Ngobese	Engineering Manager	

#### 5. REVISIONS

Date	Rev.	Compiler	Remarks
09 March 2022	0	J Veldman	Original document

#### 6. DEVELOPMENT TEAM

The following people were involved in the development of this document

#### 7. ACKNOWLEDGEMENTS

None

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